FOOD SAFETY OVERVIEW

Public Health Apprentice Course

Overview

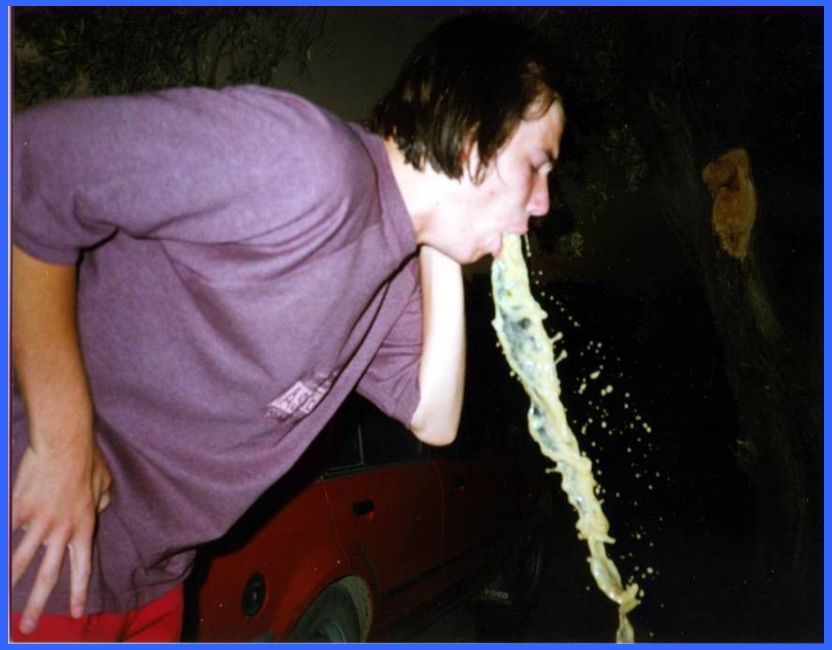
- Public Health Role
- Food Safety Programs
- Food Safety Guidance

Public Health Role

- **Prevent Foodborne Illness**
  - *A major readiness mission!!*
- **Protect the Financial Interests of the Government**
  - Often refers to “quality” rather than safety of foods
  - Reduced role for PH in this area
    - »So who’s taking the responsibility?

Food Safety Programs

- Food Inspection (Safety)
- Food Facility Sanitation
- Hazardous Food Recalls
- Foodborne Illness (FBI) Outbreak Investigations



Food "Inspection"

- To understand food safety, a knowledge of food processing and distribution from "*farm to fork*" is necessary
  - Why?

The "Flow of Food"

Procurement

Transportation

Storage

Preparation

Serving

- Public Health can be involved at any step

- "Normal" food safety considerations
- Terrorist/Sabotage considerations

Where Does Food Inspection Occur?

- Procurement:
  - Farm
  - Antemortem (Class 1)
  - Postmortem (Class 2)
  - Processing Plant (Class 3
    - »Known as “at origin”
  - Many US Government agencies involved
  - Not usually a USAF Public Health function
    - »When do you think it would be a PH function?

생산자직영판매장

Where Does Food Inspection Occur?

- Receipt Inspections
  - Appropriated Fund Activities (Class 4)
  - Non-appropriated Fund Activities (Class 8)
  - Government owned foods (Class 5)
- Surveillance Inspections
  - In-storage inspections (Class 9)
  - Prior to shipment (Class 6)
  - At issue or sale (Class 7)

Food Safety Guidance

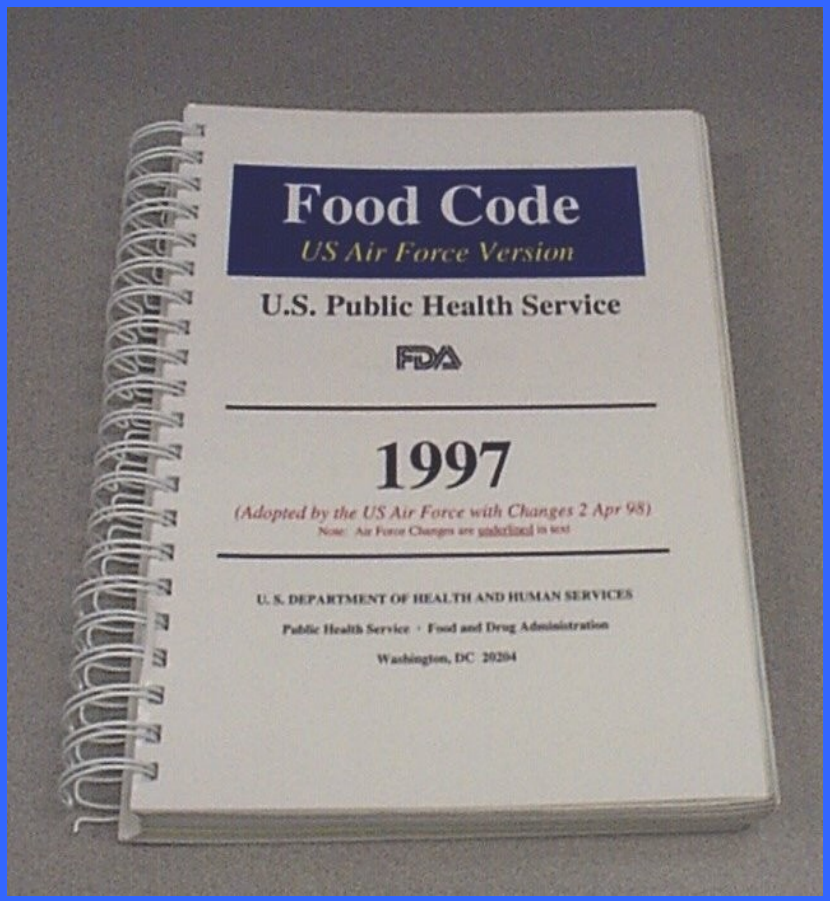
- AFI 48-116, Food Safety Program
- U.S. Air Force Food Code
- DSCP Handbook 4155.2
- Joint Food Inspection Manuals
  - Joint Receipt Manual
  - Joint Surveillance Manual
- DeCA Directives 40-1 through 40-9
- AAFES Regulation 1-2

AFI 48-116
Food Safety Program

- Primary guidance for prevention of foodborne illness
- Defines responsibilities for:
  - Commanders
  - Procurement Offices
  - Food Facility Managers
  - Public Health

U.S. Air Force Food Code

- 1997 FDA Food Code with AF changes
- Food facility safety/sanitation standards


Food Code
US Air Force Version
U.S. Public Health Service
FDA
1997
(Adopted by the US Air Force with Changes 2 Apr 98)
U. S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service · Food and Drug Administration
Washington, DC 20204

DSCP Handbook 4155.2

Inspection of Composite Operational Rations

- Has Appendixes outlining inspection procedures for different types of operational rations
- Most often used by AF Public Health:
  - Appendix A, Inspection of “Meal, Ready-to-Eat” (MRE) Rations (June 1997)
  - Appendix E, Survival General Purpose (Not yet published - AF policy letter)

Joint Services Manuals

- Joint Receipt Inspection Manual
- Joint Surveillance Inspection Manual
  - Both of these manuals provide general guidance on receipt and surveillance procedures
    - ✔ Inspection Frequencies
    - ✔ Sample Sizes

DeCA Directives

These are DeCA manuals; AF Public Health only assists DeCA as necessary with these

-We **don't** enforce these! (we enforce the food code)

- DeCAD 40-1 *Commissary Operations*
- DeCAD 40-3 *Meat Dept.*
- DeCAD 40-4 *Produce Dept.*
- DeCAD 40-5 *Grocery Dept.*
- DeCAD 40-6 *Customer Service*
- DeCAD 40-9 *Frequent Delivery System*

AAFES Regulation 1-2

- Describes duties of medical support personnel and reporting procedures
- Establishes coordinating relationships with AAFES and other federal agencies

-Similar to DeCA directives--<u>We don't enforce the AAFES Regs</u> (again, we enforce the food code)

Summary

- Public Health Role
- Food Safety Programs
- Food Safety Guidance